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May 28-6mo*

THE GREAT WONDER OF THE NINETEENTH Century, Professor WOOD'S Hair Restorative.

Says the St. Louis (Mo.) Democrat: Below we unbisd, a letter to Dr. Wood, of this city, from a gentleman in Maine, which apeaks glowingly of the superior merits of his hair toric. Such evidence must have its effect when coming from a reliable source. If cortificates are guarantees of truth, the Doctor needs no encomiums nor useless puffery from the press;

BATH, (Me.,) Jan. 20, 1856. Paor. O. J. Woon & Co.: Gentlemen: Having my attention called a winentian since to the highly beneficial effects of your hair restorate, and it was induced to make application of it upon my own hair, sich had become quite gray, probably one-third white; may whiskers or of the same character. Some three months since I procured a date of your Hair Restorative, and used it. I soon found it was roung what I had wished. I used it shout twice a week. I have since occared another bettle, of which I have used some. I can now certify the weld that the gray or white hair has totally disappeared, both in wheel had face, and my hair has resumed its natural color, and believe more soft and glossy than it has been before for twenty-dive on, has used it with the same effect.

The above notice I doem due to you for your valuable discovery. In assured that whoever will rightly use, as per directions, will not wo occasion to contradier my statements. I am a citizen of this yand a resident here for the last fifteen years, and an known to waity years one here and adjoining town. Any use you may make the above, with my name attached, is at your service, as I wish to waster the beauties of nature in others as well as myself.

Pace: Wood: Bear sir. Having had the misfortune to lose the best ortion of my hair, from the effects of the yellow faver in New Orleans, as 1884, I was induced to make a trial of your preparation, and found it to answer as the very thing beeded. My hair is now thick and trough, and no words can express my obligations to you in giving to the affilicate such a treasacre.

The metastical A. V. Branch is a minister in regular standing,

les words can expend d such a treasore. FINLEY JULIANA israigned, J. K. Bragg, is a minister in regular standing, of the Orthodox Church at Brookfield, Massachusetta, utleman of great influence and universally beloved. WM. DYER. PROCEPUED, Jan. 12, 1858.

Yours, truly,

Yours, truly,

Sorative is put up in bottles of three sizes, viz large, meanily the small holes haif a pint, and retails for one delicits; the medium holes haif a pint, and retails for one delicits; the medium holes at least twenty per cent. more in than the small, retails for two dollars a bottle; the large ant, forty per cent. more in proportion, and retails for \$3 a

O. J. WOOD & CO., Proprietors, 312 Broadway, New York, (in the rank New York Wire Balling Establishment,) and 114 Market street, d by all good Druggists and Fancy Goods Doulers.

The Washington An

"LIBERTY, THE UNION, AND THE CONSTITUTION."

VOL. XIV. NO. 151.

WASHINGTON CITY, SATURDAY, OCTOBER 9, 1858.

SCIENTIFIC INTELLIGENCE. Office Superintendent of the Public Printing,

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CIPLENDID SCHEMES FOR OCTOBER, 1858 .-

1 grand prize	or	. 15,000			
i do i do		. 10,000 . 7,500	113 de	åc.,	
Certificates of Do Do	Packages o do do	f 26 whole 26 half	do		75 00
\$35,000 !-	Lottery for	the Benef	t of the	STATE OF I	ELAWARE,

12 drawn numbers out of 75 - cream at ites of packages of 25 whole tickets.

78 No. Lottery-13 drawn ballots,--- MAGNIFICENT SCHEME

grand prize of. \$50,089 | 1 grand prize of do 20,000 | 6 do 15,000 | 25 prizes of do 10,000 | 50 do do 7,500 | 204 do ... to 7,500 | 205 to 6.6.

Tickets \$15—haives \$7.50—quarters \$3.75.—eighths \$1.875.

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Do do 26 haif do

Do do 26 quarter do

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\$34,000 !—Lettery for the Benefit of the STATE OF DELAWARE, lass 241, for 1858. To be drawn at Wilmington, Del., on Saturday, KTOBER 30, 1858.
75 No. Lettery—12 drawn ballots.—BRILLIANT SCHEME. 70 No. Detery—12 drawn ballots.—Billian change.
e of. \$33,000 20 pingsee of. 1,
0 12,000 20 de
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2

Orders for tickets and shares and certificates of packages in the above splentil lotteries will receive the most, prompt attention, as an account of each drawing will be sent immediately after it is over all who order from me.

Address,

P. J. BUCKEY, Agent,
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SALE OF VALUABLE COTTON PLANTATIONS
AND BLOODED STOCK!-I will soil on accommodating terms ALE OF VALUABLE COTTON PLANTATIONS

AND BLOODED STOCK I—I will sell on economodating terms
soveral valuable cotton plantations in Balka and Perry counties,
Alabama, all of which are now in a ligh state of cultivation.

Also, some small tracts of from two hundred and fifty to four hundred acres such, portions of every tract in cultivation.

Possession will be given to the purchasers on the list of January
next.

all similar compounds on record from the much lass percentage of sine it contains. In the process of manature the sine is first melted at as low a heat as pole, the tin is next added, and finally the lead, whole is well stirred up with a green wood pole, to imperfect mixture, and to prevent oxydation, for which ter purpose a coating of borax and the addition of a livesin will be found useful. The whole operation must be conducted control to a mineral control or a livesing and a covers of the second control or a livesing and a covers of the second control or a livesing and a covers of the second control or a livesing and a covers of the second control or a livesing and a covers of the second control or a livesing and a covers of the second control of the second control or a lives of the second control of the second control or a lives of the second control of the second resin will be found useful. The whole operation must be conducted as quickly as possible, and excess of heat avoided. The proportions may be medified as required, more sine giving less ductility, and more tin giving more flexibility and a better color. For teapots, and articles of a like character, the alloy composed of 15 parts tin, 3 parts sinc, and 3 parts lead, is preferable. These alloys being easily fusible, care must be taken in the selection of the solder. The new alloy can be rolled and span,

These articles are at all times accessible and easy to be obtained. After the blood has ceased to flow, laudanum may be advantageously applied to the wound. Due regard to these instructions will save agitation of mind, and running for the surgeon, who would probably make no better prescription if present.

New Merido of Constructing Bottans.—A method of metructing boilers, so as to collect and remove the sel-nent deposited from impure water, has been brought to ablic notice. The boiler is formed with a narrow waterof the boiler at the furnace down to and through the line of furnace bars. The water-space opens at its upper wide end into the bottom of the boiler, which has a row of openings in its shell at that part to form the communication. The boiler itself is set slightly out of the horizontal line, the furnace end being somewhat lower than the reverse end. Hence the impurities of various sorts contained in the water are continually directed towards the front or surface end, where it falls from the boiler into the narrow bottom of the water-space or pocket.

CEMENT FOR ROOFS .- An excellent cement for seams i the roofs of houses, or in any other exposed place, is made by mixing equal proportions, by weight, of white lead, dry white sand, and as much oil as will make it into the consistency of putty. The cement becomes in a few weeks as hard as a stone.

A HARD AND DEBARTS SOAD -A patent has been grant soap, by the addition of sulphate of lime to the usual ingredients employed it its manufacture. The sulphate may be added to the soap in a dry powder, or in admixture with any of the usual ingredients employed in the manufacture of soap. The proportions of the sulphate which it is best to employ vary according to the article manipulated upon, and the quality of the soap to be produced. Thus, about twelve ounces of dry sulphate is sufficient for one ton of best soap, whereas, in common or highly liquored soap, six or eight pounds may be used with advantage. Soap made with the addition of sulphate of lime becomes hardened, keeps dry, and is not liable to shrink while in water, its durability is increased, and it does not wear or waste away before its cleansing and it does not wear or waste away before its clear properties are brought into action.

properties are brought into action.

LATING SUBMARING CARLES.—Captain S. Samuels, of Brooklyn, N. Y., has invented a method of laying submarine cables, by passing them from the ship or other vessel from which they are to be paid out, through an opening in the bottom, as near as convenient and practicable, midway between stem and stern, where the least motion is produced by the pitching of the vessel. By this means the liability to break the cable is very much reduced, if not entirely obviated, as at a certain point in the centre of a vessel's length there is comparatively little motion produced by pitching, so that the excessive and uneven strain or ierk which so much tends to rupture cables when produced by pitching, so that the excessive and uneven strain or jerk which so much tends to rupture cables when paid out from the stern is here avoided, the danger being correspondingly lessened, and the cumbrous machinery and complicated mechanism of brakes and paying-out de-vices simplified and reduced. This idea has often been proposed, but Captain Samuels has been able to show the priority of his invention, and has, consequently, obtained a restort.

a patent.

A New Lagar.—A new species of inflammable mine ral, termed "illuminating clay," has been discovered by Mr. Frederic H. Southworth. Mr. Southworth is an American resident of Rio Janerio. He has tested the American resident of Rio Janerio. He has tested the properties of this clay and applied the same to the making of gas. He reports that it gives 7 cubic feet of gas to the pound, while coal gives but 3½ cubic feet to the pound. The article is of the color of clay, and otherwise looks like coal in its pure state; it will burn like wax when held in the flame of a match. It is said to be found zil, and the discoverer anticip

of this phenomena, essential to the very existence of plants and animals, a few facts derived from observation and a long train of experiments must be remembered. With the atmosphere everywhere at all times at the full temperature, we should never have rain, hall, or smow. The water absorbed by it in evaporation from the sea and the earth's surface would descend in an imperentiation. The water absorbed by it in evaporation from the same and the earth's surface would descend in an imperentiation of the vapor, or ceased to be absorbed by the air when it was once fully saturated. The absorbing power of the atmosphere, and consequently its capability to retain him midity, is proportionably greater in warm than cold air. The air near the surface of the earth is warmer than it is in the region of the clouds. The higher we ascend from the earth the colder we find the atmosphere. Hence the perpetual snow on a very high mountain in the hottest of imake. Now, when, from continued evaporation, the air is highly saturated with vapor, though it be invisible, if its temperature is suddenly reduced by cold currents descending from above, or rushing from a high te a low latitude, its capacity to retain moisture is diminished, at clouds are formed, and the result is rain. Air condenses as it cools, and, like a sponge filled with water and compressed, pours out the water which its diminished capacity cannot hold. How singular, yet how simple, is such an arrangement for watering the earth. Scientific American.

Mr. Satuel Samuels, of Brooklyn, New York, recently obtained a patent for "certain new and useful improvements in the laying of sub-marine telegraph cables."

What he claims is passing the cable from the ship or vessed, though the bottom thereof, at or near the point by him specified. He also claims the employment to conduct the cable to the bottom of the vessel, and to core. The field laborate and the equality of the temperature is an arrangement for watering the carth. An arrangement for watering the carth. Scientific Am

Mr. Samuel Samuels, of Brooklyn, New York, recently obtained a patent for "certain new and useful improvements in the laying of sub-marine telegraph cables." What he claims is passing the cable from the ship or vessel, through the bottom thereof, at or near the point by him specified. He also claims the employment to conduct the cable to the bottom of the vessel, and to exclude the water from the opening in the bottom where the cable feaves it, of a tube, the whole of the lower part of which has a downward inclination toward the stern of the vessel, substantially as and for the purpose specified.

THE SALT MINES OF CRACOW. BY HAYARD TAYLOR.

After descending 210 feet we saw the first veins of rock salt in a bed of clay and crumbled sandstone. Thirty feet more and we were in a world of salt. Level galleries branched off from the foot to the staircase: overhead

some of the caints. Francis, especially, is running away like a dip cantile, and all of his head is gone except his chin.

The limbs of Joseph are dropping off as if he had the Norwegian leprosy, and Lawrence has deeper sears than his gridiron could have made, running up and down his back. A Bengal light turned at the altar brought into sudden life this strange temple, which presently vanished into darkness as if it had never been seen.

I cannot follow step by step our journey of two hours through the labyrinths of this wonderful mine. It is a bewildering maze of galleries, grand halls, staircases, and vanited chambers, where one soon loses all sense of distance or direction, and drifts along blindly in the wake of his conductor. Everything was solid salt, except where great piers of hewn logs had been built up to support some threatening roof, or vast chasm, left in quarrying, had been bridged across. As we descended to lower regions, the air became more dry and agreeable, and the saline walls more pure and brilliant. One hall, 108 feet in height, resembled a Greeian theatre, the traces of block taken out in regular layers representing the seats for the spectators. Out of the single hall 1,000,000,000 inhabitants in Austria one year.

Two obelisks of salt commemorated the visit of Francis I and his Empress in another spacious irregular vault, through which we passed by means of a wooden bridge resting on piers of the crystalline rock. After we had descended to the bottom of this chamber, a boy ran along the bridge above with a burning Bengal light, throwing flashes of blue lustre on the obelisks, on the scarred walls, vast arches, the entrance to deeper halls, and the far roof, fretted with the picks of the workmen. The effect was magical—wonderful. Even the old Prassian, who had the face of an exchange broker, exclaimed, as he pointed upwards: 'It is like a sky full of cloud lambkins.' Presently we entered another and loftier chamber, yawning downward like the mouth of hell, with cavernous tunnels opening ou their hands, wild cries, fire-works, and the firing of gun (which here so reverberate in the imprisoned air that on can feel every wave of sound,) gave a rough representa tion of the infernal regions, for the benefit of the crowned heads who visit the mines. The effect must be indeed diabelical. Even we, unexceptionable characters as were, looked truly uncarthly in our ghostly garments,

were, looked truly unearthly in our ghostly garments, amid the livid glare of the fire-works.

A little further we struck upon a lake four fathoms deep, upon which we embarked in a heavy square boat, and entered a gloomy tunnel, over the entrance of which was inscribed (in salt letter) "good luck to you!" In such a place the motto scemed ironical. "Abandon hope, all ye who enter here," would have been more appropriate. Midway in the tunnel, the halls at either end were suddenly illuminated, and a crash, as of a hundred cannon bellowing through the hellow vaults, shook the air and water in such wise that our boat had not ceased trembling when we landed in the further hall. Read Tasso:

Ft der cico in quel rumor rimbonia,"
if you want to hear the sound of it. A tablet inscribed "heartily welcome !" saluted us on landing. Finally, at the depth of 450 feet, our journey ceased, although we were but half way to the bottom. The remainder is a wilderness of shafts, galleries, and smaller chambers, the extent of which we could only conjecture. We then returned through scores of torthous passages to some vaults where a lot of gnomes, naked to the hips, were busy with pick, mallet, and wedge, blocking out and separating the solid pavement.

The process is quite primitive, scarcely differing from

solid pavement.

The process is quite primitive, scarcely differing from that of the ancient Egyptians in quarrying granite. The blocks are first marked out on the surface by a series of grooves. One side is then deepened to the required thickness, and, wedges being inserted under the block, it is soon split off. It is then split transversely into pieces of one cwt. each, in which form it is ready for sale. Those intended for Russia are rounded on the edges and corners until they acquire the shape of large cocoons, for the convenience of transportation into the interior of the country.

the country.

The number of workmen employed in the zil, and the discoverer anticipates that it will be used by all gas companies in Brazil, and become an article of exportation. The Brazilian government have taken the matter under consideration. Mr. Southworth has applied gang quarries out, on an average, a little more than 1,000 cwt. of salt in that space of time, making the annual yield 1,500,000 cwt. The men we saw were fine, musterial in Brazil.

How Rain is Formed—To understand the philosophy of this phenomena, essential to the very existence of plants and animals, a few facts derived from observation and a long train of experiments must be remembered. With the atmosphere everywhere at all times at the full with the atmosphere everywhere at all times at the full the year round—has a favorable effect upon such as are reedisposed to diseases of the lungs. He was not as are reedisposed to diseases of the lungs. He was not sed by they live on the outside of the world. They are divided made in the hou

Also, new small turnet of from the Amsterd and dity to their beautiful and a point of the Pertains of the Pertains of the Pertain of the Pert

We have late private advices from Syris, from which it appears that the troubles there are by no means at an end. It is now certain that the Mussulmans are doing all in their power, by every means, to resist the reforms inlitiated by the Sultan, and more especially those which tend to the prejudice of their faith. Europeans are objects of their poculiar hatred. Insurrections are feared in every city where the Franks have any foothold. At Alexandria the residents live in constant fear of a rising of the Arabs and the burning of the city. News of murders in all parts of the country is constantly being received. The crueltics practised at Jeddah and Jaffa are being repeated in many smaller places. Routes that were for-

in all parts of the country is constantly being received. The cruelties practised at Jeddah and Jaffa are being repeated in many smaller places. Routes that were formerly safe are now considered as impassable, and the whole country is now an unsafe residence for Europeans.

The whole power of the Sultan and of the Pashas is exerted to its fullest extent to produce quiet, but only has thus far resulted in turning the rage of the fanatics against the existing government, and in giving rise to a plot for dethroning the Sultan and giving the sceptre to his brothers. So well known is this plot that a number of the ambaesadors to Constantinople have given out that Europe will not recognise the title of the Sultan's brother in the event of a successful termination of the rebellion.

Our last advices from Alexandria show a horrible state of things. Our correspondent says: "There we heard of the murder of many Franks by the fanatical Mussulmans; and the report reached us that the Turks had secreted five thousand muskets at one time and twenty thousand at another in their mosques, to be used in a general rising for the destruction of the Franks and Christian residents of the city."

We have seen a letter from Beirut of late date, in which it is stated that the American Consul for that place arrived there about the middle of July with his family, and that the raising of the flag of the consulate, for the first time in sixteen months, was a pleasant sight for the American residents. The trial of the Jaffa criminals was

arrived there about the middle of July with his family, and that the raising of the flag of the consulate, for the first time in sixteen months, was a pleasant sight for the American residents. The trial of the Jaffa criminals was then in progress; and it was regretted that the Dixon family, whose numbers were thinned by the Arabs there, had returned to America, as it was feared that some of the miscreants might escape punishment by lack of means for their identification. It will be recollected that the remainder of this family, who belong in Massachusetts, reached Boston but a few days since.

A rumor of disturbances at Mount Lebanon had reached Bofrut, and the Pasha there, who is only second in dignity to the Grand Vizier, had, upon the representations of the consuls at that place, despatched a troop of soldiers to quell the rebellion, as well as to protect the foreigners. A number of missionaries on their way to different parts of Palestine were at Beirut awaiting the excention of the Jaffa criminals, fearing that it might cause a general insurrection throughout the country, and preferring to remain under the protection of the guns of the men-of-war collected in the harbor.

The writer of the above-mentioned letter, which is dated August 11th, says: "An English man-of-war arrived here yesterday, and a French man-of-war came last week. A Turkish frigate stationed here sailed for Tripoli a few days since, where an outbreak was rumoved to have commenced. Next week it is expected that there will be six steamers in the hurbor; so, if a general rising should take place, we can escape. There are also about forty sail of merchant vessels in the harbor, of all nations except our own. We need an American man-of-war here, and expect one as soon as the exigencies of the public service will permit."

From all accounts the only safety for Franks in that country is under the guns of their national frigates.

ice will permit."

From all accounts the only safety for Franks in that
matry is under the guns of their national frigates.

A STATESMAN'S HOME.

As the traveller passes over the Georgia railroad from Atlanta to Augusta, he will observe on the summit of a ridge on the outskirts of the village of Crawfordsville a two-story wooden house well shaded by a groye of venera-ble oals, and with a lawn in front gently sloping to the south, planted with no great regard to order in shrubbery and four trees.

and fruit trees.

The house is without any pretension to modern archi-

The house is without any pretension to modern architectural style—but is built after the fashion and in conformity with the plans of the country residences of wealthy Georgia planters thirty years ago.

This modest mansion, with its novel and attractive surroundings, is the domicil of a gentleman who has occupied no small share of public attention for the last lifteen years. He is known to his immediate circle of friends as "Aleck"—to his neighbors and acquaintances of Taliaferro country as "Squire Stephens"—and to the republic at large as "Stephens of Georgia." The name of Alexander H. Stephens, is a household word in the eighth congressional district.

ander H. Stephens, is a household word in the eighth congressional district.

Mr. Stephens began to practise law in Crawfordsville about the year. 1834, and boarded in the family of the estimable gentleman who resided in and owned the house to which we have referred above. At his death Mr. Stephens was left his executor, and at the sale of the real estate became the purchaser of the house and twenty acres of land adjoining, and has resided there since that time when not an attendant on public duties at Washington. Until recently no material changes were made in the house, and even now to the front view it ed even now to the front view i stands as originally built—two stories, porch with plain columns, eight rooms, passage in the middle, &c. Re-cently two rooms, intended for library and bed chamber, small and airy passage, have been added to the house.

North of the mansion and on the slope of a hill are the

North of the mansion and on the stope of a full set engarden, orchard, and vineyard, and if a visitor in the month of August should tarry a day in the quiet village near by, and should gratify a pardonable curiosity by looking over the place, he will find a well-selected and choice variety of fruits—peaches, pears, apples, strawberries, grapes, &c. While strolling over the garden, if the visitor will east his eye northerstward, he will see the smoke curling up from the chimneys of a farm-house about two miles distant, and on the highest point of land

about two miles distant, and on the highest point of hald in the circuit of his visien.

This is the treasured spot, above all others, to Mr. Stephens. It is his family homestead, the place where his grandfather settled shortly after the revolution—the place where his father lived and died, and the place upon which the statesman was born. A ride of a half hour, over a broken but beautiful country, will bring you to the farm, and on the right of the road, and but a short distance from the form buildings on the ton of a hill is distance from the farm buildings, on the top of a hill, is the spot where his father lived. The buildings have all been removed, and there are no traces to the eye of a stranger left to mark the spot, but they are indeliby im-pressed upon the memory of Mr. Stephens. Just under that clump of trees is the spring, still flowing pure and free, from which he drank; near by is the grove of widespreading oaks under whose refreshing and friendly shade he was accustomed to play, and all around are the hills over which he clamored when a boy. All these mementues of youth are treasured recollections with a man whose name is famous for eloquence, learning, and patriotism, from the Arostook to the Rio Grande. And it is refreshing to observe the influences of home and hearth and wonthful associations upon so exalled a na-

1st auditor

ble reminiscences of past tim ofitical arena—let him learn for urely will, of his profuse chariti-ess, and he will not then wo tephens is so much loved, rever-

THE ARTESIAN WELL AT LOUISVILLE-INTER ESTING HISTORY OF ITS PROGRESS AND COM-PLETION.

From the Louisville Courier.]

Artesian wells are named from Artesium, the ancient name of Artois, a province of France. They were successfully bored in that country at an early period, and hence took the name of this province.

These wells were known in ancient times, as we find accounts of them by classic authors. That strange people, the Chinese, who are far behind us in civilization, bored artesian wells, and printed with blocks of wood long before we thought of either of these arts. It is not our purpose, however, to enter into a history of these wells. The subject is interesting, but we have not time or space to do it instice at present.

wells. The subject is interesting, but we have not time or space to do it justice at present.

The deepest artesian well in the world is that at St. Lonis, bored by the Messrs. Belcher for their sugar refinery. It is 2,199 feet in depth. The next deepest is the one in Louisville, bored by the Messrs. Dupont to supply their paper mill with water, It is 2,086 feet in depth. Both of these wells were the result of private enterprise, and they exceed any in the world which governments have undertaken. The third deepest is at Kissengen, in Bavaria, 1,878 feet, and the fourth at Greernments have undertaken. The third deepest is sengen, in Bavaria, 1,878 feet, and the fourth enelle, near Paris, 1,806 feet. There are but few known that go much deeper than those which havenk in the great desert of Schara.

But it is with the well in our own city that we a corned at present. It is the greatest curiosity in ville. It will repay a visit, whether to be viewed the early of science or that of curiosity in search of

the eye of science or that of curiosity in search of sights. The water, now thrown out in a beautiful jet, comes from a distance of 2,086 feet in the bowels of the earth, and the force necessary to raise a perpendicular colu-that distance is wonderfully great. A subter at that depth, with no vent but that of the or-well, 2,086 feet above, with this column of we ng upon it, would receive a pressure suffic p the superincumbent earth, and scatter to the winds above.

to the winds above.

The Messrs. Dupont undertook this well as a private enterprise; to supply their paper-mill with water. It seems, however, that the water may be more valuable for medical purposes than for making paper. It has been thoroughly analyzed by Prof. J. Lawrence Smith, of the University of Louisville, whose reputation as a chemist needs no endorsement from us.

The analysis shows that the water of this well is simular to that of the suince chalves the files and the suince chalves the files suince that the water of the swell is simular to that of the suince chalves the files suince that the water of the swell is simular to that of the suince chalves to file suince that the suince the suince that the same suince the same suince that the same suince that the same suince that the same suince that the same suince the same suince the same suince the same suince that the same suince that same suince the sa

the world. More than half a million bottles of the kis-sengen water are sent each year to the sick and afflicted everywhere. Such being the fact, the Mesers. Dupont ought to be prevailed upon to bore this well no deeper, for fear of losing this stream. It may be worth much more for healing the sick than for making paper. We trust that, if they must have water for their mill, they will bore another well, and leave this one as it is until

We have kept a record of the different strata through which the auger has gone in reaching this great depth, but Mr. Kellogg, the superintendent of the mill, has kept a more accurate one; and we understand that Prof. Smith is now preparing a scientific report upon the subject. We shall not do more at present, therefore, than to enumerate the penetrated strata according to the popular names. When Prof. Smith's report comes out we may recent to the subject again.

ular names. When Prof. Smith's report comes out we may recur to the subject again.

The boring of the well began on the 1st of April, 1857. The first 76 feet passed through the sand and gravel upon which our city rests. Then solid rock was struck, and the auger afterwards went though the following formations according to the depths affixed:

Gray limestone	0	feet
Dark shale 1	2	**
Gray limestone 5	2	**
Red marl	Ġ.	
Gray limestone	i	46
Gray Innestone	P	**
Shale	œ.	
Dark limestone14	2	
Green soft shale	*	Henry
Blue limestone	à	NOW.
Blue limestone mixed with shale	e	
Grav limestone	20	
		6.80
Light gray limestone, very hard.	0	
		**
Gray limestone	58	High
Sandstone	1	**
White markle	Æ	
Sandstone	×	al Mil
Sandstone mixed with light shale	5	*

earth.

The following is a list of the medical colleges and hospitals of Philadelphia: Medical department of the University of Pennsylvania; Jefferson Medical College; Medical department of Pennsylvania College; Philadelphia College of Medicine: Philadelphia College of Pharmacy; Homosopathic Medical College; Fernale Medical College; Electric Medical College; Pennsylvania Medical College; Electric Medical College; Pennsylvania Medical University; Medical University; Medical University; Medical Institute of Philadelphia; Philadelphia College of Dental Surgery; Philadelphia School of Anotomy; College Avenue Anatomical School. Hospitals, &c. Pennsylvania Hospital; Pennsylvania Hospital; Medical College Avenue Anatomical School. Hospital, &c. Pennsylvania Hospital; Pennsylvania Hospital; Gisease of cye and limbs; City Hospital; email pox, ship fever, &c.; St. Joseph's Hospital; Episcopal Hospital; Children's Hospital; University Hospital and Dispensary; Jefferson College Hospital and Dispensary; Pennsylvania College Hospital and Dispensary; Pennsylvania College Hospital and Dispensary; Philadelphia Lying in Charity; Home for Invalids with disease of the Chest; Western Clinical Insirmary; Philadelphia Dispensary; Northern Dispensary; Medical Department; House of Industry; Homeopathic Hospital. The above list naturally leads to the thought of the immense income Philadelphia derives from her medical schools, which amounts to nearly a million per annum.